

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_U\Data\VU062822\  
 Data File : VU049496.D  
 Acq On : 29 Jun 2022 06:29  
 Operator : SY/MD  
 Sample : N3457-17  
 Misc : 5.0mL/MSVOA\_U/WATER  
 ALS Vial : 53 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 RE125D3-20220621

Quant Time: Jun 29 08:03:34 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\82U062722W.M  
 Quant Title : SW846 8260  
 QLast Update : Tue Jun 28 10:35:43 2022  
 Response via : Initial Calibration

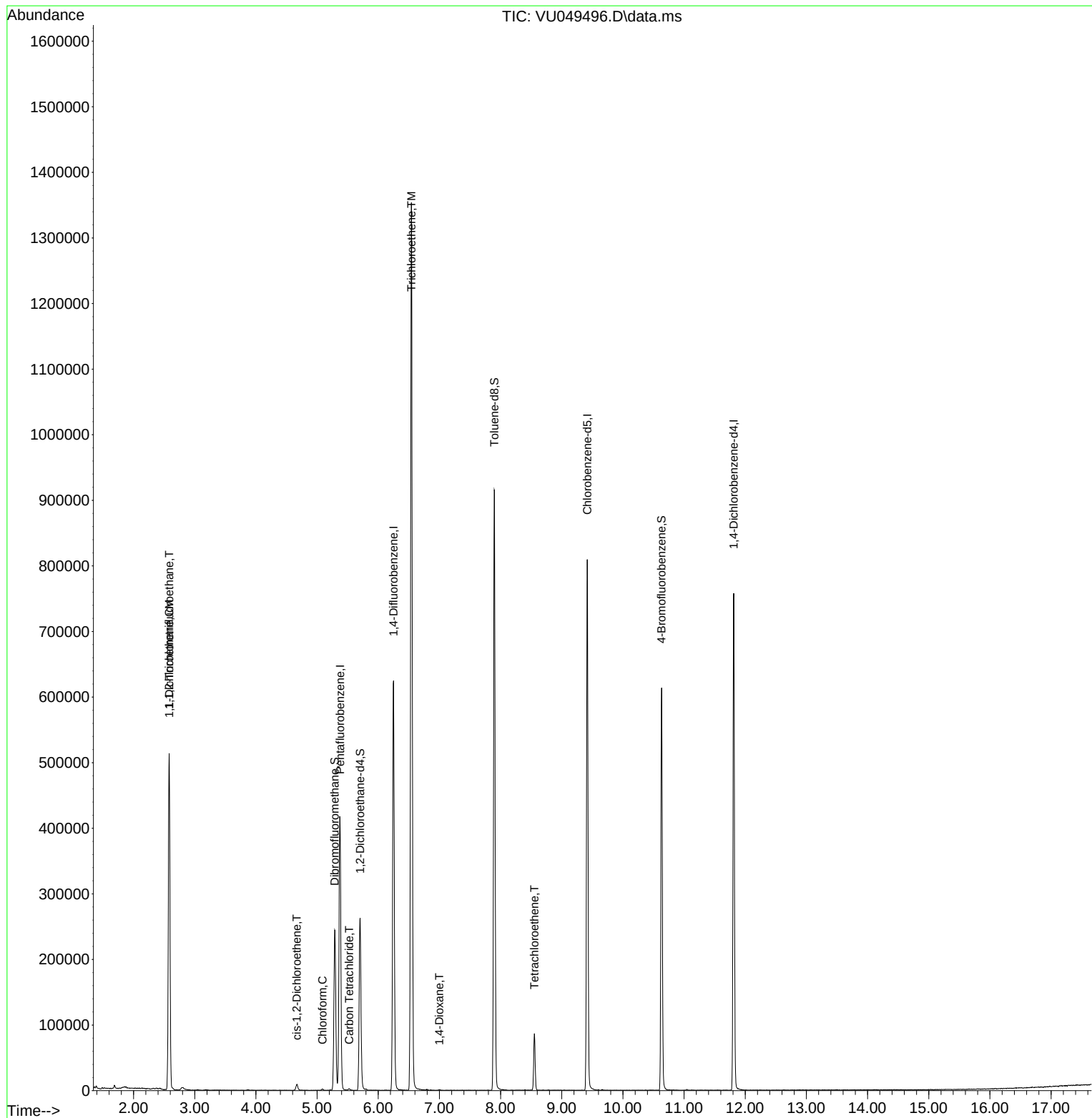
| Compound                     | R.T.           | QIon | Response   | Conc    | Units  | Dev(Min) |
|------------------------------|----------------|------|------------|---------|--------|----------|
| -----                        |                |      |            |         |        |          |
| Internal Standards           |                |      |            |         |        |          |
| 1) Pentafluorobenzene        | 5.375          | 168  | 295430     | 50.000  | ug/l   | 0.00     |
| 34) 1,4-Difluorobenzene      | 6.250          | 114  | 510496     | 50.000  | ug/l   | 0.00     |
| 63) Chlorobenzene-d5         | 9.417          | 117  | 454992     | 50.000  | ug/l   | 0.00     |
| 72) 1,4-Dichlorobenzene-d4   | 11.812         | 152  | 201322     | 50.000  | ug/l   | 0.00     |
|                              |                |      |            |         |        |          |
| System Monitoring Compounds  |                |      |            |         |        |          |
| 33) 1,2-Dichloroethane-d4    | 5.703          | 65   | 197867     | 43.489  | ug/l   | 0.00     |
| Spiked Amount 50.000         | Range 78 - 117 |      | Recovery = | 86.980% |        |          |
| 35) Dibromofluoromethane     | 5.288          | 113  | 159830     | 44.751  | ug/l   | 0.00     |
| Spiked Amount 50.000         | Range 75 - 124 |      | Recovery = | 89.500% |        |          |
| 50) Toluene-d8               | 7.899          | 98   | 604531     | 47.456  | ug/l   | 0.00     |
| Spiked Amount 50.000         | Range 92 - 112 |      | Recovery = | 94.920% |        |          |
| 62) 4-Bromofluorobenzene     | 10.632         | 95   | 215223     | 44.105  | ug/l   | 0.00     |
| Spiked Amount 50.000         | Range 83 - 123 |      | Recovery = | 88.200% |        |          |
|                              |                |      |            |         |        |          |
| Target Compounds             |                |      |            |         |        | Qvalue   |
| 9) 1,1,2-Trichlorotrifluo... | 2.581          | 101  | 203709     | 62.157  | ug/l   | 95       |
| 12) 1,1-Dichloroethene       | 2.584          | 96   | 2298       | 0.716   | ug/l   | 93       |
| 27) cis-1,2-Dichloroethene   | 4.668          | 96   | 4824       | 1.207   | ug/l   | 96       |
| 30) Chloroform               | 5.089          | 83   | 1618       | 0.230   | ug/l   | 98       |
| 38) Carbon Tetrachloride     | 5.523          | 117  | 1531       | 0.282   | ug/l # | 83       |
| 44) Trichloroethene          | 6.542          | 130  | 456925     | 122.933 | ug/l   | 87       |
| 49) 1,4-Dioxane              | 6.999          | 88   | 781        | 6.273   | ug/l # | 1        |
| 64) Tetrachloroethene        | 8.552          | 164  | 18790      | 6.439   | ug/l   | 92       |
| -----                        |                |      |            |         |        |          |

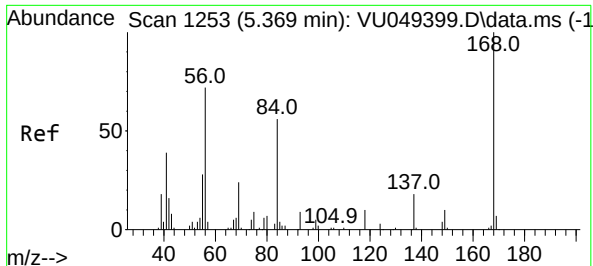
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_U\Data\VU062822\  
Data File : VU049496.D  
Acq On : 29 Jun 2022 06:29  
Operator : SY/MD  
Sample : N3457-17  
Misc : 5.0mL/MSVOA\_U/WATER  
ALS Vial : 53 Sample Multiplier: 1

Instrument :  
MSVOA\_U  
ClientSampleId :  
RE125D3-20220621

Quant Time: Jun 29 08:03:34 2022  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\82U062722W.M  
Quant Title : SW846 8260  
QLast Update : Tue Jun 28 10:35:43 2022  
Response via : Initial Calibration

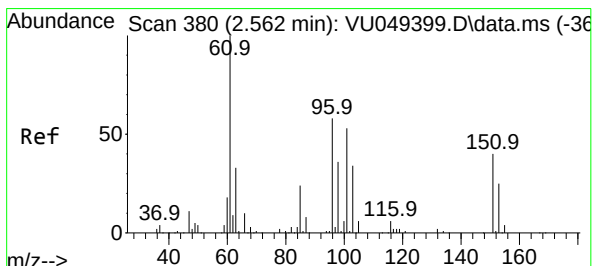
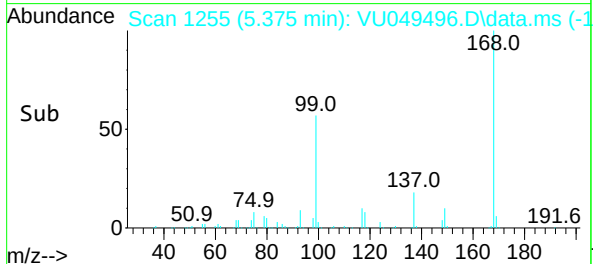
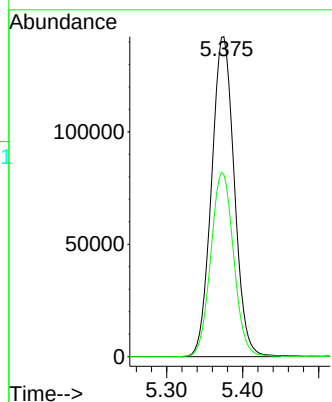
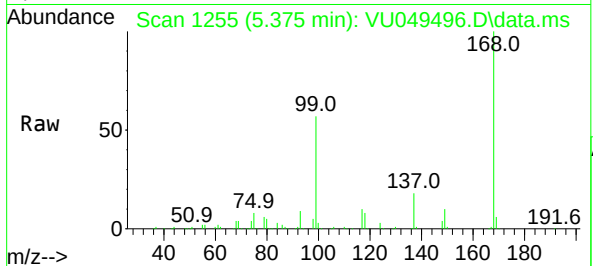




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 5.375 min Scan# 11  
Delta R.T. 0.006 min  
Lab File: VU049496.D  
Acq: 29 Jun 2022 06:29

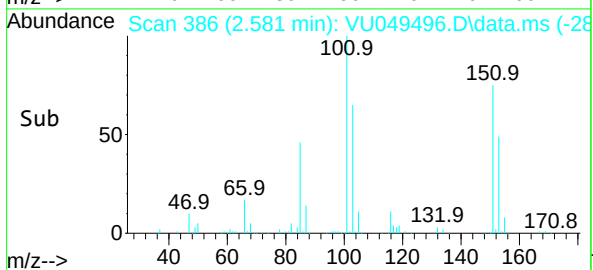
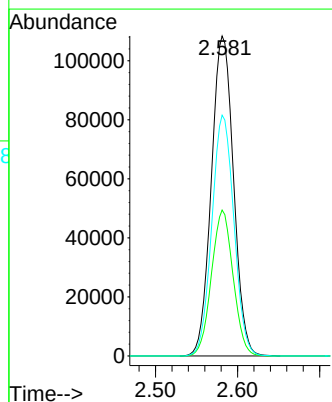
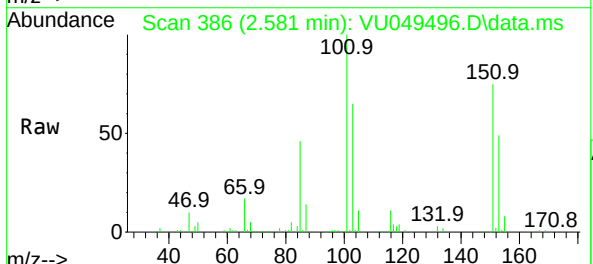
Instrument :  
MSVOA\_U  
ClientSampleId :  
RE125D3-20220621

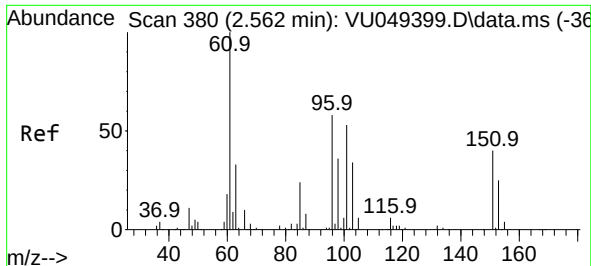
Tgt Ion:168 Resp: 295430  
Ion Ratio Lower Upper  
168 100  
99 56.8 39.3 58.9



#9  
1,1,2-Trichlorotrifluoroethane  
Concen: 62.157 ug/l  
RT: 2.581 min Scan# 386  
Delta R.T. 0.019 min  
Lab File: VU049496.D  
Acq: 29 Jun 2022 06:29

Tgt Ion:101 Resp: 203709  
Ion Ratio Lower Upper  
101 100  
85 44.4 33.9 50.9  
151 74.9 64.0 96.0





#12

1,1-Dichloroethene

Concen: 0.716 ug/l

RT: 2.584 min Scan# 31

Delta R.T. 0.023 min

Lab File: VU049496.D

Acq: 29 Jun 2022 06:29

Instrument :

MSVOA\_U

ClientSampleId :

RE125D3-20220621

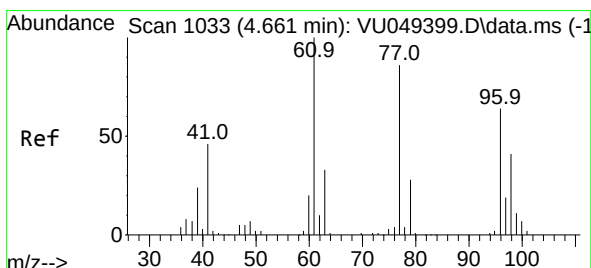
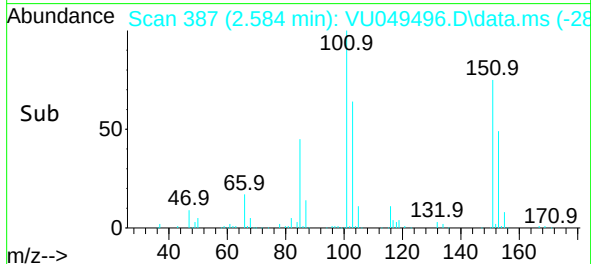
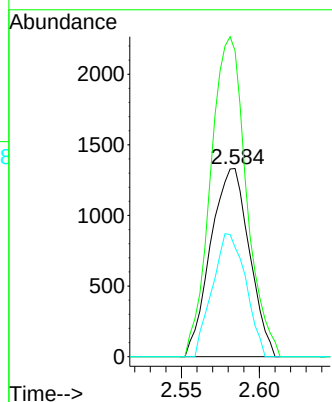
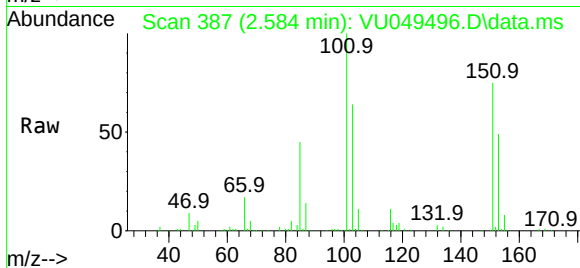
Tgt Ion: 96 Resp: 2298

Ion Ratio Lower Upper

96 100

61 162.4 122.2 183.2

98 58.1 50.7 76.1



#27

cis-1,2-Dichloroethene

Concen: 1.207 ug/l

RT: 4.668 min Scan# 1035

Delta R.T. 0.006 min

Lab File: VU049496.D

Acq: 29 Jun 2022 06:29

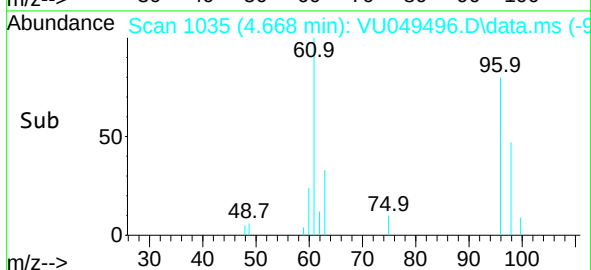
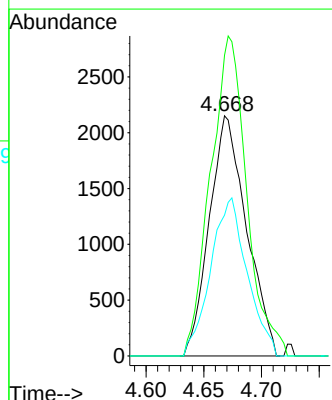
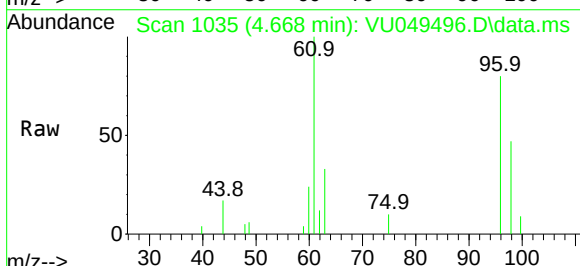
Tgt Ion: 96 Resp: 4824

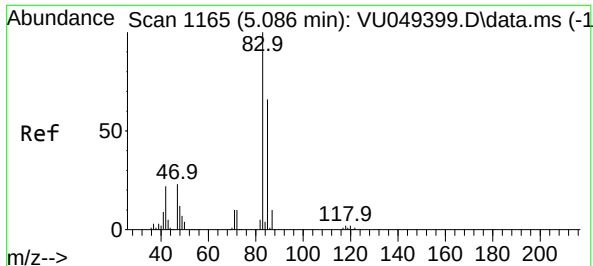
Ion Ratio Lower Upper

96 100

61 129.4 0.0 271.6

98 64.6 0.0 128.2





#30

Chloroform

Concen: 0.230 ug/l

RT: 5.089 min Scan# 1165

Delta R.T. 0.003 min

Lab File: VU049496.D

Acq: 29 Jun 2022 06:29

Instrument :

MSVOA\_U

ClientSampleId :

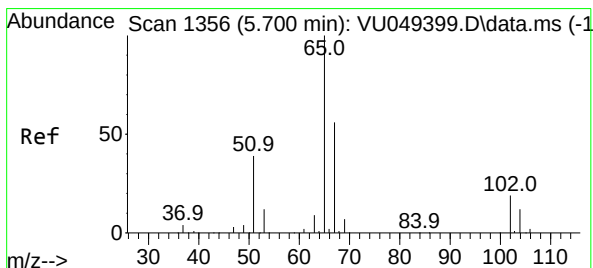
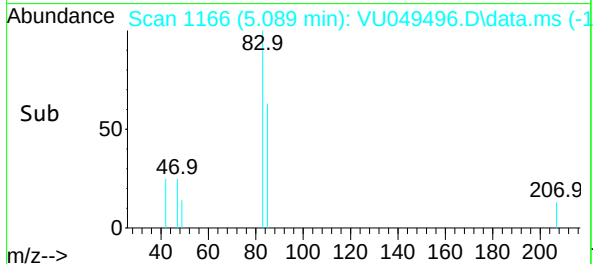
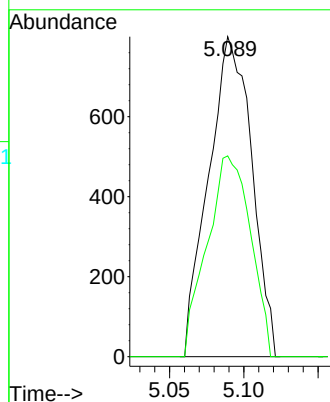
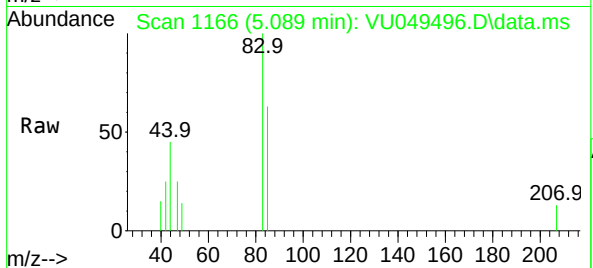
RE125D3-20220621

Tgt Ion: 83 Resp: 1618

Ion Ratio Lower Upper

83 100

85 62.7 51.2 76.8



#33

1,2-Dichloroethane-d4

Concen: 43.489 ug/l

RT: 5.703 min Scan# 1357

Delta R.T. 0.003 min

Lab File: VU049496.D

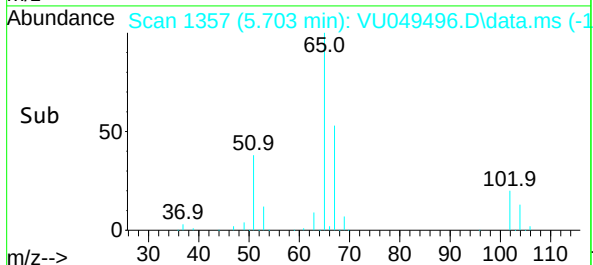
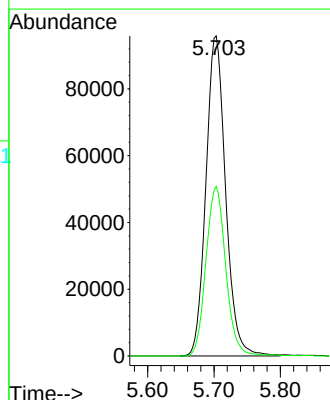
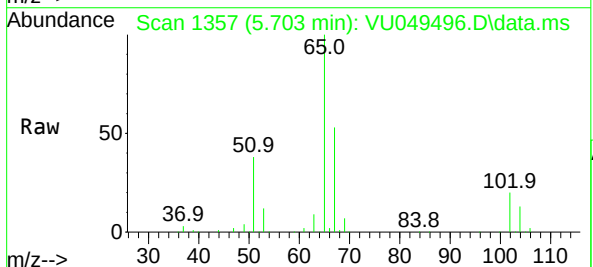
Acq: 29 Jun 2022 06:29

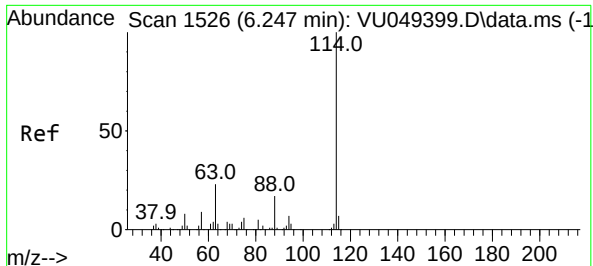
Tgt Ion: 65 Resp: 197867

Ion Ratio Lower Upper

65 100

67 53.1 0.0 108.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.250 min Scan# 11

Delta R.T. 0.003 min

Lab File: VU049496.D

Acq: 29 Jun 2022 06:29

Instrument :

MSVOA\_U

ClientSampleId :

RE125D3-20220621

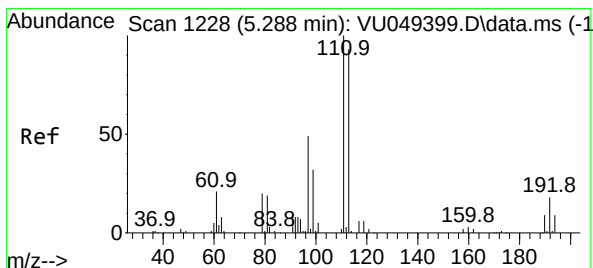
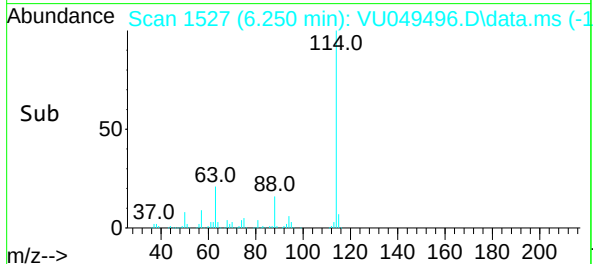
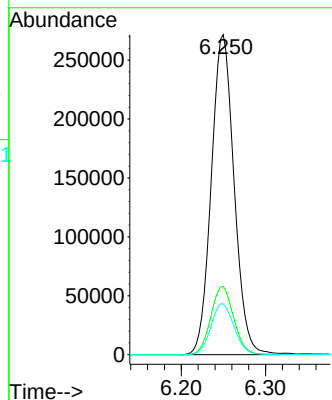
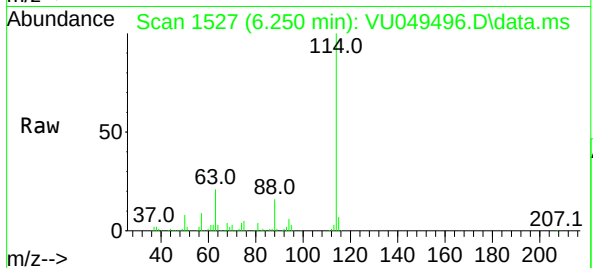
Tgt Ion:114 Resp: 510496

Ion Ratio Lower Upper

114 100

63 21.4 0.0 37.8

88 15.9 0.0 29.2



#35

Dibromofluoromethane

Concen: 44.751 ug/l

RT: 5.288 min Scan# 1228

Delta R.T. 0.000 min

Lab File: VU049496.D

Acq: 29 Jun 2022 06:29

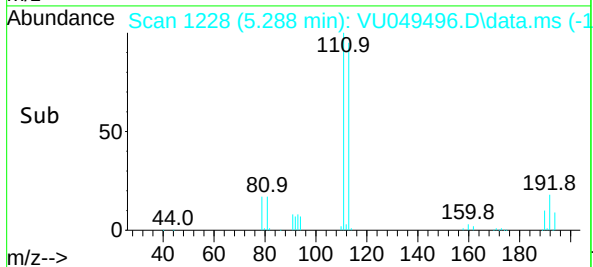
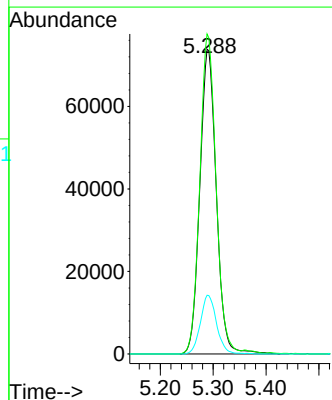
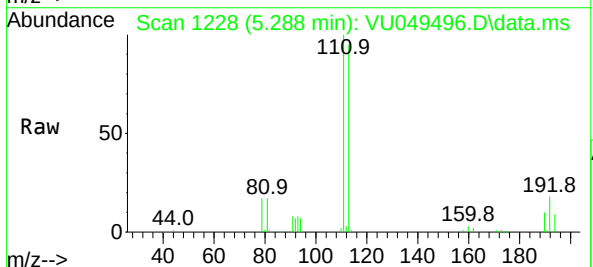
Tgt Ion:113 Resp: 159830

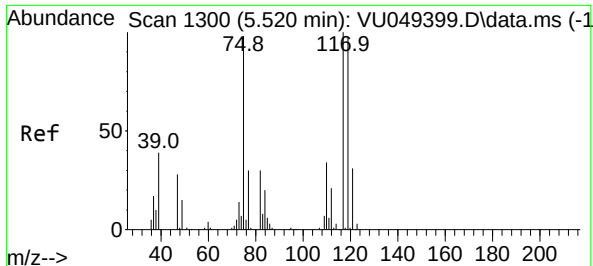
Ion Ratio Lower Upper

113 100

111 103.2 82.1 123.1

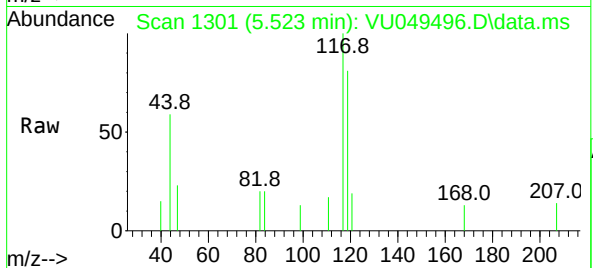
192 18.9 18.0 27.0



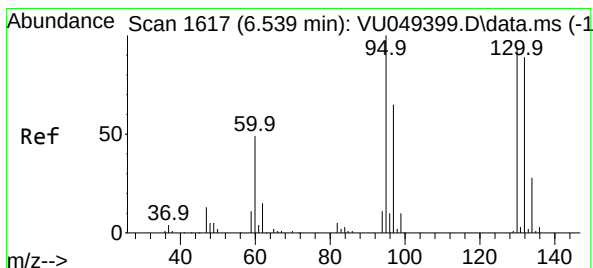
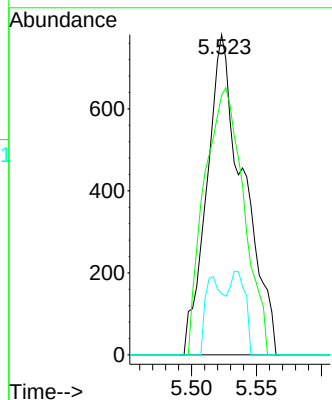
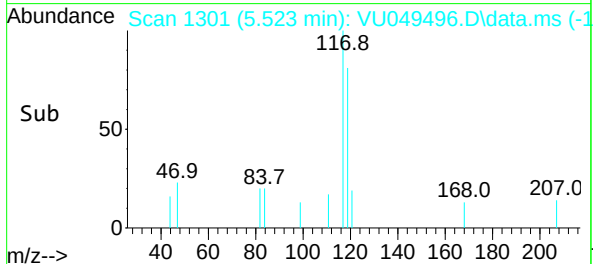


#38  
Carbon Tetrachloride  
Concen: 0.282 ug/l  
RT: 5.523 min Scan# 11  
Delta R.T. 0.003 min  
Lab File: VU049496.D  
Acq: 29 Jun 2022 06:29

Instrument :  
MSVOA\_U  
ClientSampleId :  
RE125D3-20220621

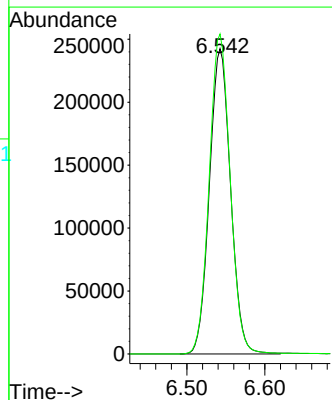
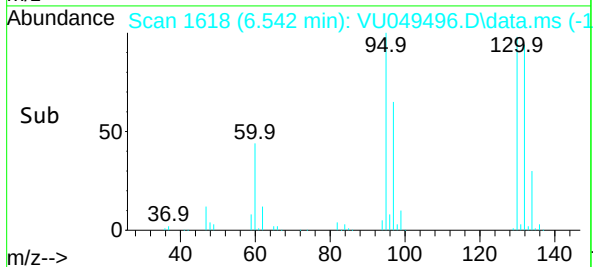
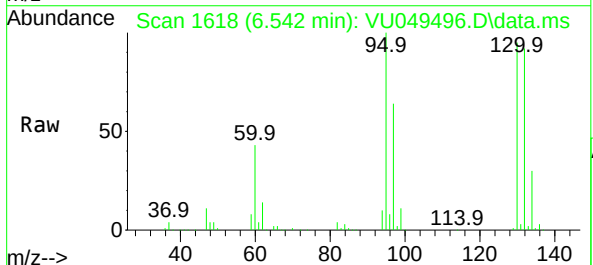


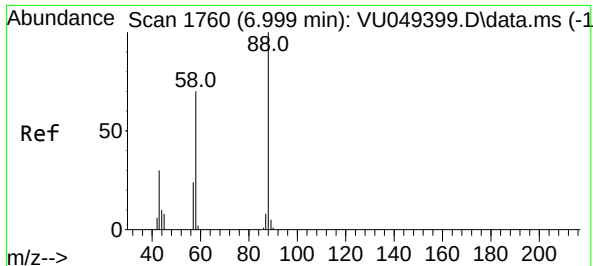
Tgt Ion:117 Resp: 1531  
Ion Ratio Lower Upper  
117 100  
119 81.0 76.8 115.2  
121 19.2 24.7 37.1#



#44  
Trichloroethene  
Concen: 122.933 ug/l  
RT: 6.542 min Scan# 1618  
Delta R.T. 0.003 min  
Lab File: VU049496.D  
Acq: 29 Jun 2022 06:29

Tgt Ion:130 Resp: 456925  
Ion Ratio Lower Upper  
130 100  
95 104.8 0.0 184.6





#49

1,4-Dioxane

Concen: 6.273 ug/l

RT: 6.999 min Scan# 11

Delta R.T. 0.000 min

Lab File: VU049496.D

Acq: 29 Jun 2022 06:29

Instrument :

MSVOA\_U

ClientSampleId :

RE125D3-20220621

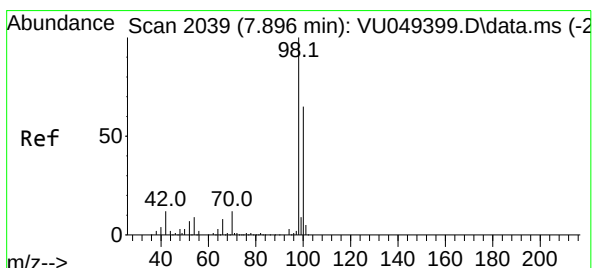
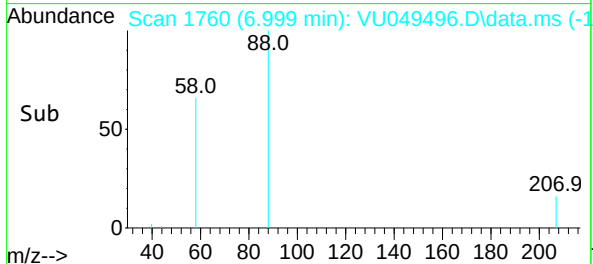
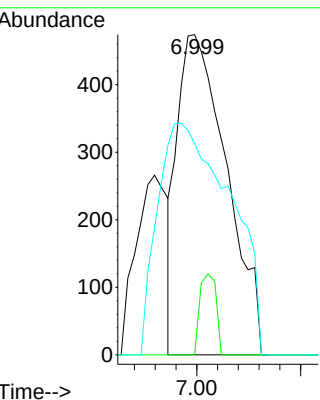
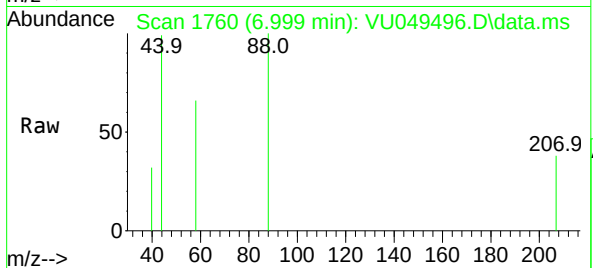
Tgt Ion: 88 Resp: 781

Ion Ratio Lower Upper

88 100

43 8.3 0.0 0.0#

58 106.4 15.4 23.0#



#50

Toluene-d8

Concen: 47.456 ug/l

RT: 7.899 min Scan# 2040

Delta R.T. 0.003 min

Lab File: VU049496.D

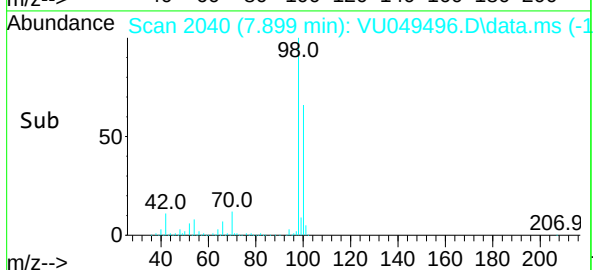
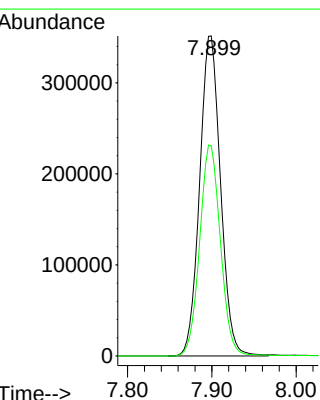
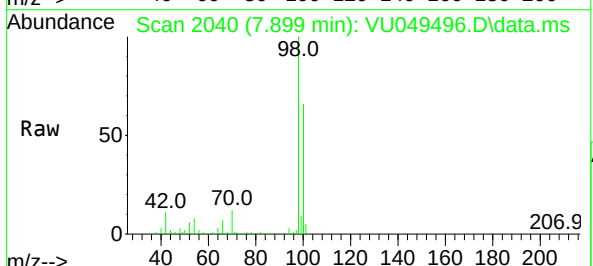
Acq: 29 Jun 2022 06:29

Tgt Ion: 98 Resp: 604531

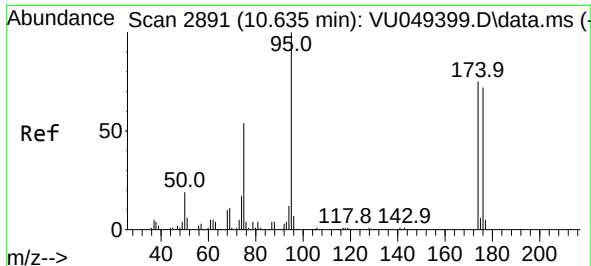
Ion Ratio Lower Upper

98 100

100 65.6 51.7 77.5



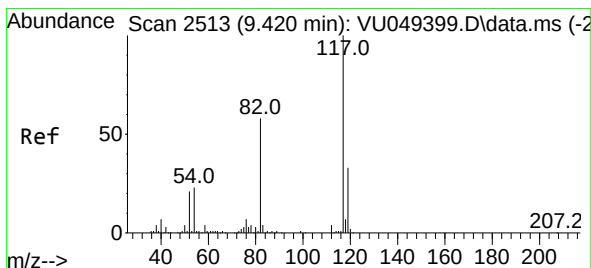
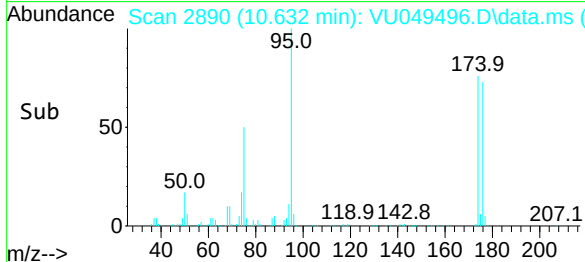
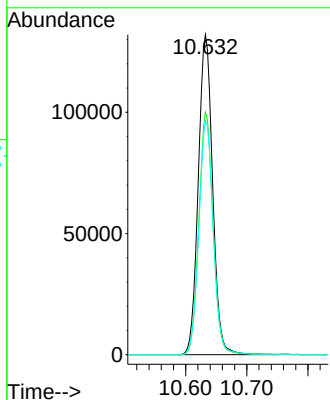
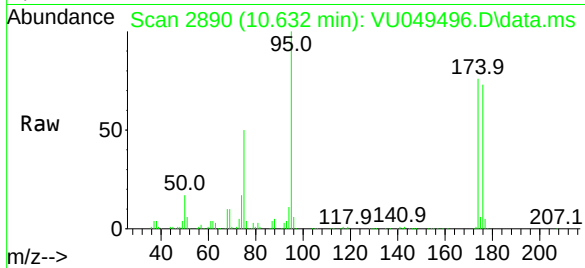




#62  
4-Bromofluorobenzene  
Concen: 44.105 ug/l  
RT: 10.632 min Scan# 21  
Delta R.T. -0.003 min  
Lab File: VU049496.D  
Acq: 29 Jun 2022 06:29

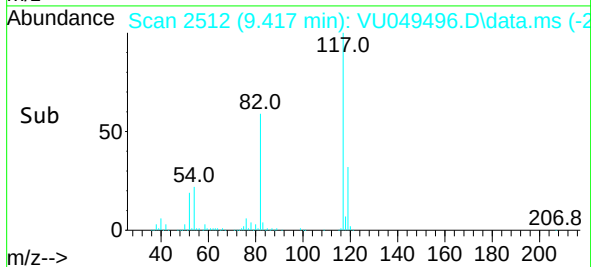
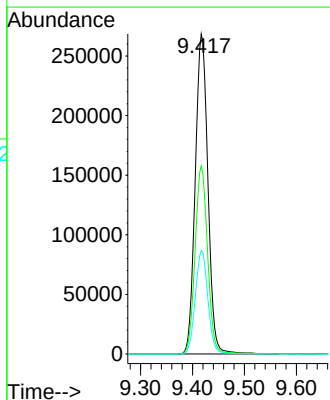
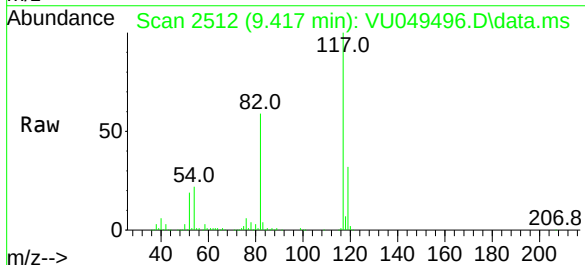
Instrument :  
MSVOA\_U  
ClientSampleId :  
RE125D3-20220621

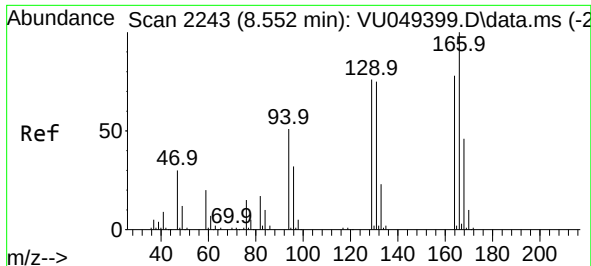
Tgt Ion: 95 Resp: 215223  
Ion Ratio Lower Upper  
95 100  
174 75.2 0.0 182.0  
176 73.3 0.0 177.8



#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 9.417 min Scan# 2512  
Delta R.T. -0.003 min  
Lab File: VU049496.D  
Acq: 29 Jun 2022 06:29

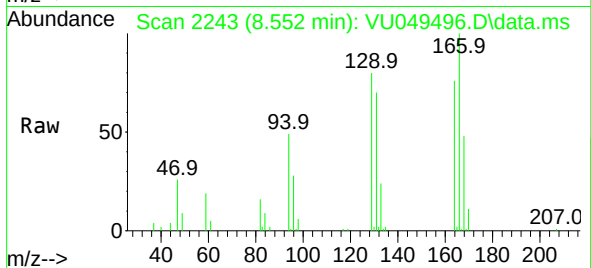
Tgt Ion: 117 Resp: 454992  
Ion Ratio Lower Upper  
117 100  
82 58.7 41.7 62.5  
119 32.4 25.7 38.5



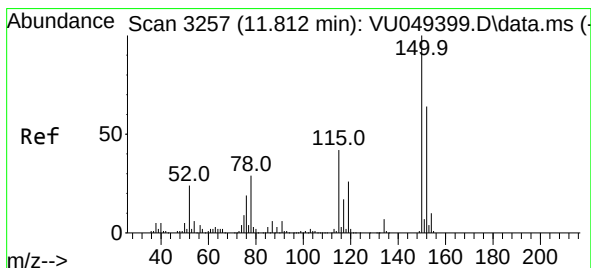
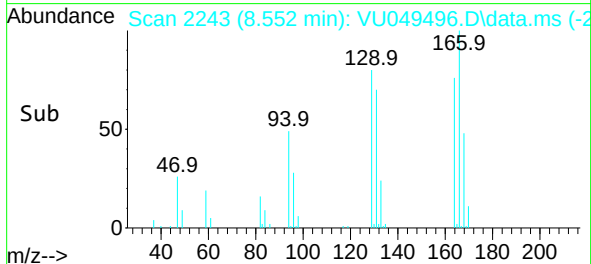
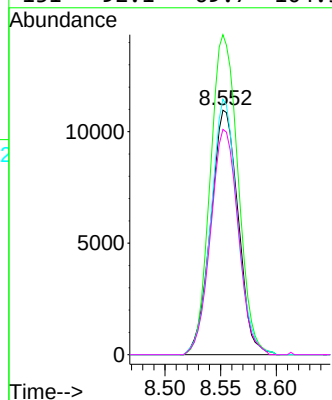


#64  
Tetrachloroethene  
Concen: 6.439 ug/l  
RT: 8.552 min Scan# 21  
Delta R.T. 0.000 min  
Lab File: VU049496.D  
Acq: 29 Jun 2022 06:29

Instrument :  
MSVOA\_U  
ClientSampleId :  
RE125D3-20220621



Tgt Ion:164 Resp: 18790  
Ion Ratio Lower Upper  
164 100  
166 130.9 100.0 150.0  
129 104.5 72.0 108.0  
131 92.1 69.7 104.5



#72  
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 11.812 min Scan# 3257  
Delta R.T. 0.000 min  
Lab File: VU049496.D  
Acq: 29 Jun 2022 06:29

Tgt Ion:152 Resp: 201322  
Ion Ratio Lower Upper  
152 100  
115 61.3 37.0 110.9  
150 157.0 0.0 342.2

